

Title (en)

TYRE WITH A REDUCED-WEIGHT BEAD REGION

Title (de)

REIFEN MIT WULSTBEREICH MIT REDUZIERTEM GEWICHT

Title (fr)

PNEUMATIQUE DONT LA ZONE DU BOURRELET EST ALLEGEE

Publication

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Application

**EP 17748535 A 20170711**

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Abstract (en)

[origin: WO2018011512A1] The invention relates to a tyre (1) with a radial carcass reinforcement formed by a single ply of reinforcement elements (2), turned up around a bead wire (4) such as to be anchored in each of the beads (3). According to the invention, the turn-up (7) of the carcass reinforcement ply and the main part of the carcass reinforcement ply are coupled to one another and then uncoupled, and these are the only plies of reinforcement elements present in the sidewall with an elongation at rupture of less than 6 %. The arrangement and selection of the polymer blends in the region of the bead (3) of the tyre enhance the endurance performance.

IPC 8 full level

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